

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

USPTO Use Only

EFS ID: **15178**
Application ID: **10063756**
Title of Invention: **Methods and Systems for Quality
of Service in Networks
Comprising Wireless Devices**
First Named Inventor: **William Rudnick**
Domestic/Foreign Application: **Domestic Application**
Filing Date: **null**
Effective Receipt Date: **2002-05-10**

Submission Type: **Utility Patent Filing**
Filing Type: **new-utility**
Confirmation Number: **0**
Attorney Docket Number: **SLA0364.1**
Digital Certificate Holder: **cn=Scott C. Krieger, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US**
Certificate Message Digest: **L4vfqo3iYxZoJoTn10Yt5w==**

Total Fees Authorized: **\$980.0**

Payment Category: **DA – Deposit Account**
Deposit Account Number: **500803**
Deposit Account Name: **Scott C. Krieger**

JC474 U.S. PTO
10/063756
05/10/02

TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

SLA0364.1

Submission Type: Utility Patent
Filing

Methods and Systems for Quality of Service in Networks Comprising Wireless Devices

First Named Inventor: Mr. William Michael Rudnick

SUBMITTED BY

Name: Mr. Scott C. Krieger
Registration Number: 42,768
Electronic Signature Mark: /sck/ Date Signed: 20020510

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration z364_1FiledDec1_2.tif
declaration z364_1FiledDec2_2.tif
declaration z364_1POA1_1.tif

| | |
|------------------|-------------------------|
| specification | 364_1PatApp2.xml |
| fee-transmittal | 364_1fee.xml |
| bibd-transmittal | 364_1apds.xml |

Attached Image File(s):

z364_1FiledDec1_2.tif
z364_1FiledDec2_2.tif
z364_1POA1_1.tif

Comments:

DECLARATION BY INVENTORS

Each of the below named inventors, hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe that I am a joint inventor of the subject matter which is claimed and for which a patent is sought on the invention,

Entitled: Quality of Service using Wireless LAN
Docket Number: SLA.0364

the specification of which is attached hereto.

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations 1.56(a).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made, with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Claim of Priority Based on Foreign Applications: None

Claim of Priority Based on Previously Filed U.S. Applications: United States Provisional Patent Application Serial No. 60/245,546, filed November 2, 2000, for *Method to dynamically adapt both modifiable and non-modifiable parameters of a wireless data network*; to United States Provisional Patent Application Serial No. 60/245,646, filed November 2, 2000, for *Automated method to dynamically change channels in a wireless data network*

William Michael Rudnick
Inventor name

USA
Citizenship

Chm
Signature

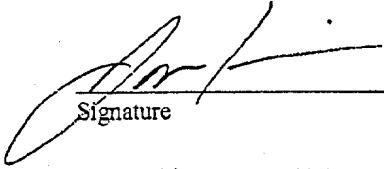
February 28
Date

Post Office Address 5750 Pacific Rim Blvd.; Camas, Washington 98607
Residence Address 17325 S. W. Lisa; Beaverton, Oregon 97006 USA

Page 1 of 2 Pages Declaration of Inventors for Invention of William Michael Rudnick *et al.*
for Quality of Service using Wireless LAN; Attorney Docket No.
SLA.0364

John Michael Kowalski
Inventor name

USA
Citizenship


Signature

February 28
Date

Post Office Address

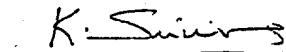
5750 Pacific Rim Blvd.; Camas, Washington 98607

Residence Address

1905 S.E. 179th Court; Vancouver, Washington 98683 USA

Srinivas Kandala
Inventor name

Indian
Citizenship


Signature

February 28
Date

Post Office Address

5750 Pacific Rim Blvd.; Camas, Washington 98607

Residence Address

19005 S.E. 19th Way; Vancouver, Washington 98683 USA

Page 2 of 2 Pages

Declaration of Inventors for Invention of William Michael Rudnick *et al.*
for Quality of Service using Wireless LAN; Attorney Docket No.
SLA.0364

**POWER OF ATTORNEY BY ASSIGNEE UNDER 37 C.F.R. § 3.71
AND CERTIFICATE OF TITLE BY ASSIGNEE UNDER 37 C.F.R. § 3.73(b)**

For handling matters in the United States Patent and Trademark Office.

Sharp Laboratories of America, Inc. is the Assignee of the invention.

Entitled: Quality of Service using Wireless LAN

Inventors: William Michael Rudnick
John Michael Kowalski
Srinivas Kandala

Docket Number: SLA.0364

The specification of which is being filed herewith.

Sharp Laboratories of America, Inc., as assignee hereby appoints the following attorney to prosecute this application and to transact all business connected therewith in the United States Patent and Trademark Office: said appointment to be to the exclusion of the inventor(s) and his attorney in accordance with the provisions of 37 C.F.R. § 1.32:

Robert D. Varitz, Reg. No. 31436
Phone: 503-219-3770
Facsimile: 503-219-3771

David C. Ripma, Reg. No. 27672
Matthew D. Rabdau, Reg. No. 43026
Scott C. Kreiger, Reg. No. 42768

Send all correspondence to:

Robert D. Varitz
ROBERT D. VARITZ, P.C.
380 Harrison Square
1800 S.W. First Avenue
Portland, OR 97201
Telephone: 503-219-3770
Facsimile: 503-219-3771

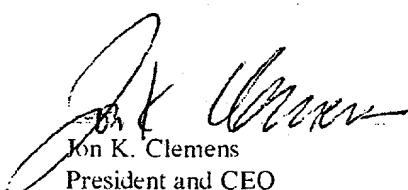
Pursuant to 37 C.F.R. § 3.73(b), the undersigned certifies that assignee is a corporation, and is the owner of the entire right, title and interest in the above-identified patent application by virtue of an assignment from the inventor(s) to Assignee.

A copy of the assignment is attached hereto, the original of which is herewith forwarded to the U.S. Patent and Trademark Office for recording.

I have reviewed the assignment and to the best of my knowledge and belief, title to the above-identified patent application is in Assignee. I declare that I am empowered by Assignee to sign this certificate on behalf of Assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, that such willful false statements may jeopardize the validity of the application or any resulting patent.

Date: February 28, 2001



Jon K. Clemens
President and CEO

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 980

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 50-0803



Deposit Account Name: Sharp Laboratories of America, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Scott C. Krieger

Electronic Signature Mark: /sck/

Date Signed: 20020503

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 24 | 103 | \$ 18 | 4 | \$ 72 |
| Independent Claims: 5 | 102 | \$ 84 | 2 | \$ 168 |

Subtotal For Extra Claims Fees: \$ 240